

## MS/MS Parameters of Pesticides

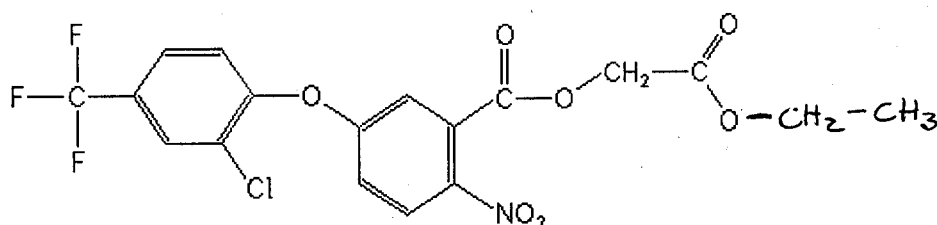
### Analyte: Fluoroglycofen-ethyl

CAS No.: 77501-90-7

Formula: C<sub>18</sub>H<sub>13</sub>ClF<sub>3</sub>NO<sub>7</sub>

Molecular mass (lowest isotopes): 447,00 amu

Structure:



Ionisation: ESI +

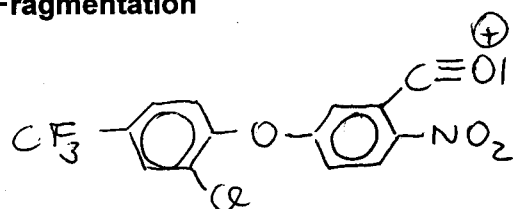
Quasimolecular ion: 465,0 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

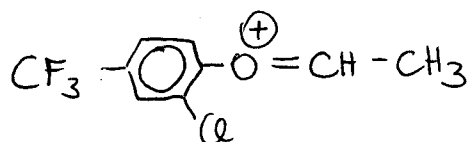
Transition	465,0 → 344,0	465,0 → 223,0
Declustering potential (DP) <sup>*)</sup>	16V	16 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	7,5 V	8,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	21 V	43 V
Collision cell exit potential (CXP)	18 V	12 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



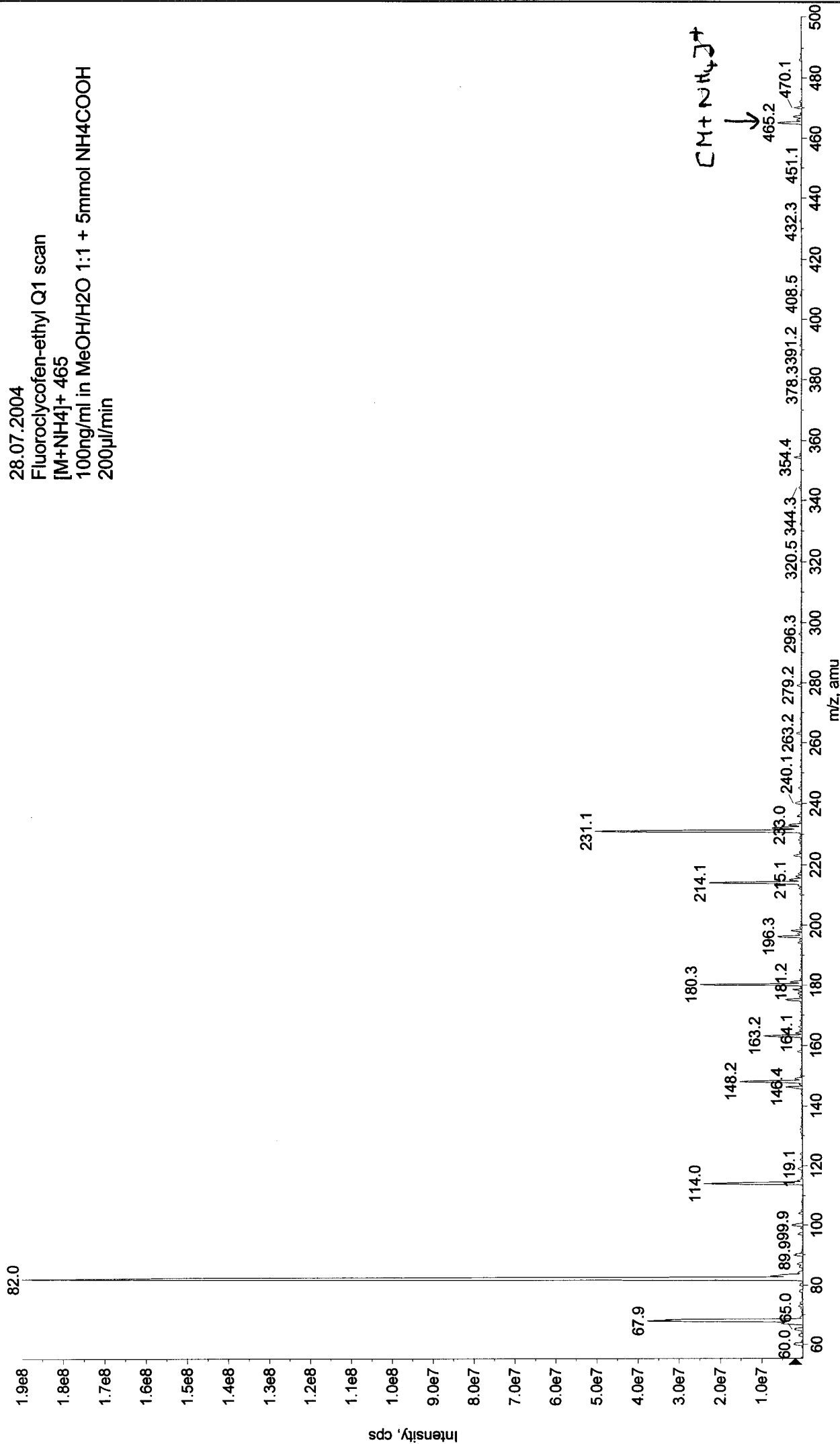
m/z 344/346



m/z 223/225

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728104315.wiff (Turbo Spray)

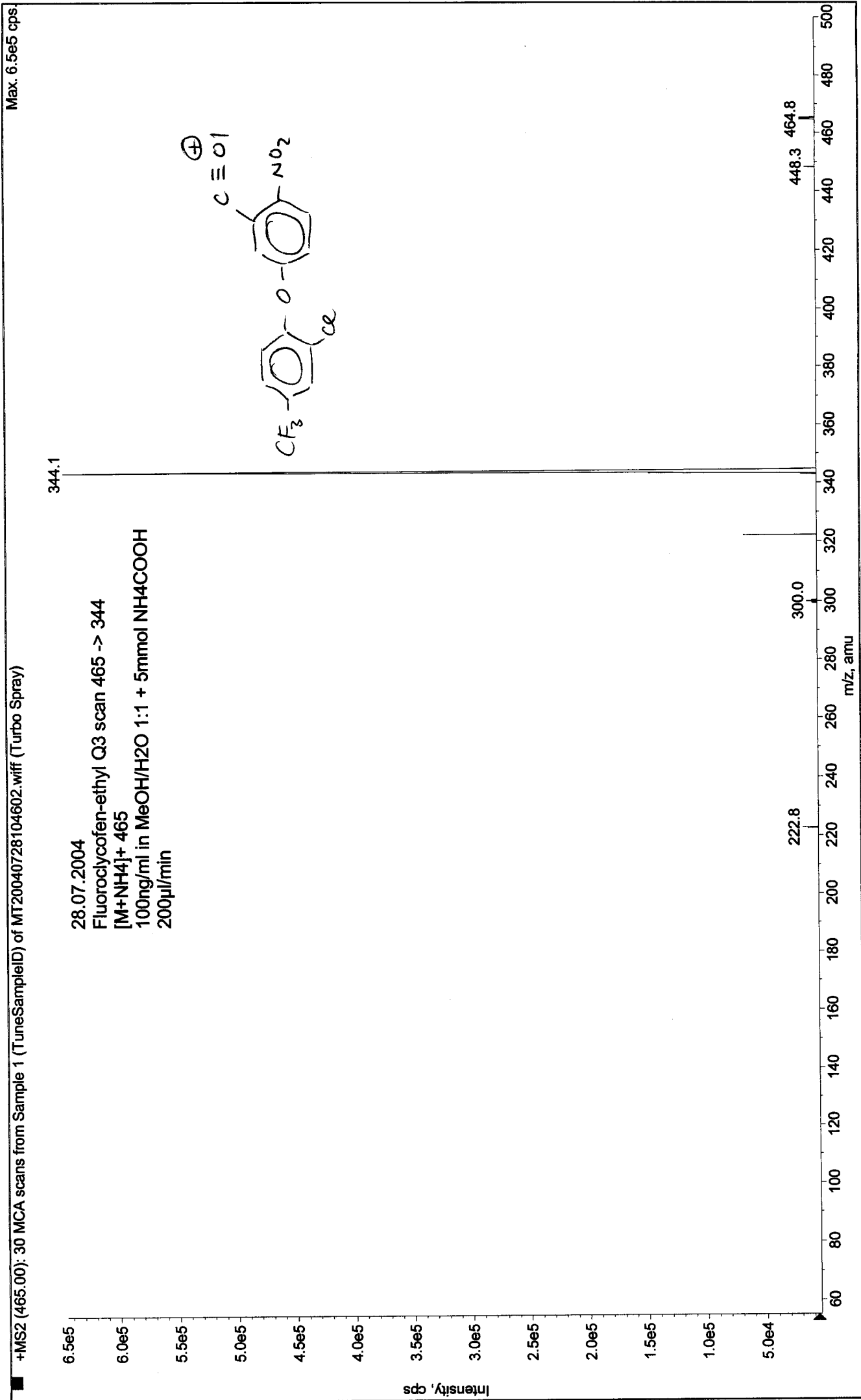
Max. 1.9e8 cps.



Printing Time: 10:51:59  
Printing Date: Wednesday, July 28, 2004

Acq Time: 10:46  
Acq Date: Wednesday, July 28, 2004  
Acq File: MT20040728104602.wiff

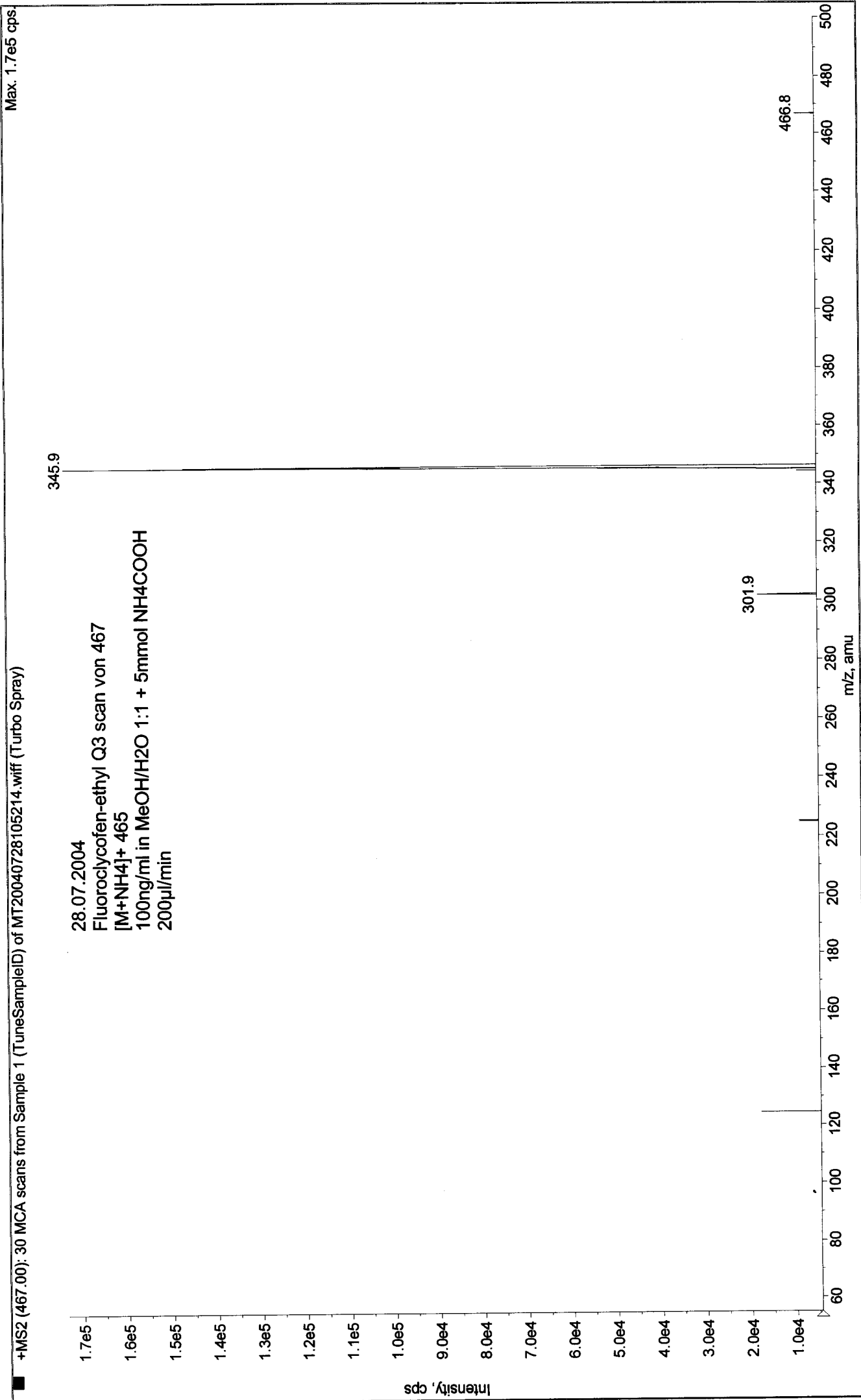
Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

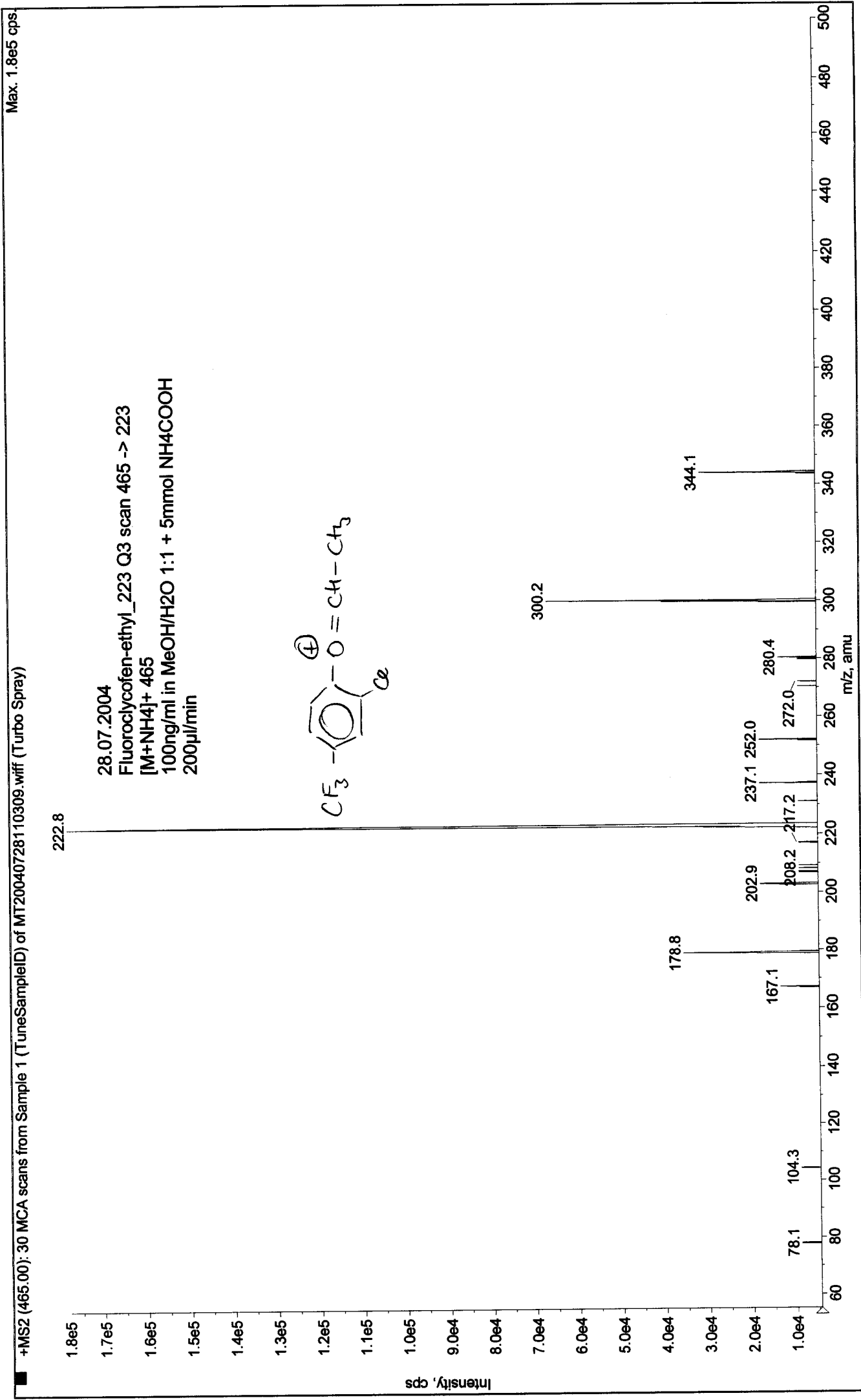


Printing Time: 10:53:09  
Printing Date: Wednesday, July 28, 2004

Acq Time: 10:52  
Acq Date: Wednesday, July 28, 2004  
Acq File: MT20040728105214.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat





Max. 6.7e4 cps

■ +MS2 (467.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728110438.wiff (Turbo Spray)

